

Fig. 1

Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
PERSONAL SITES AND MEMBERSHIP CHANNELS

Inventor(s): Jon E. Ramer, et al.

Attorney Docket No.: 11592.02

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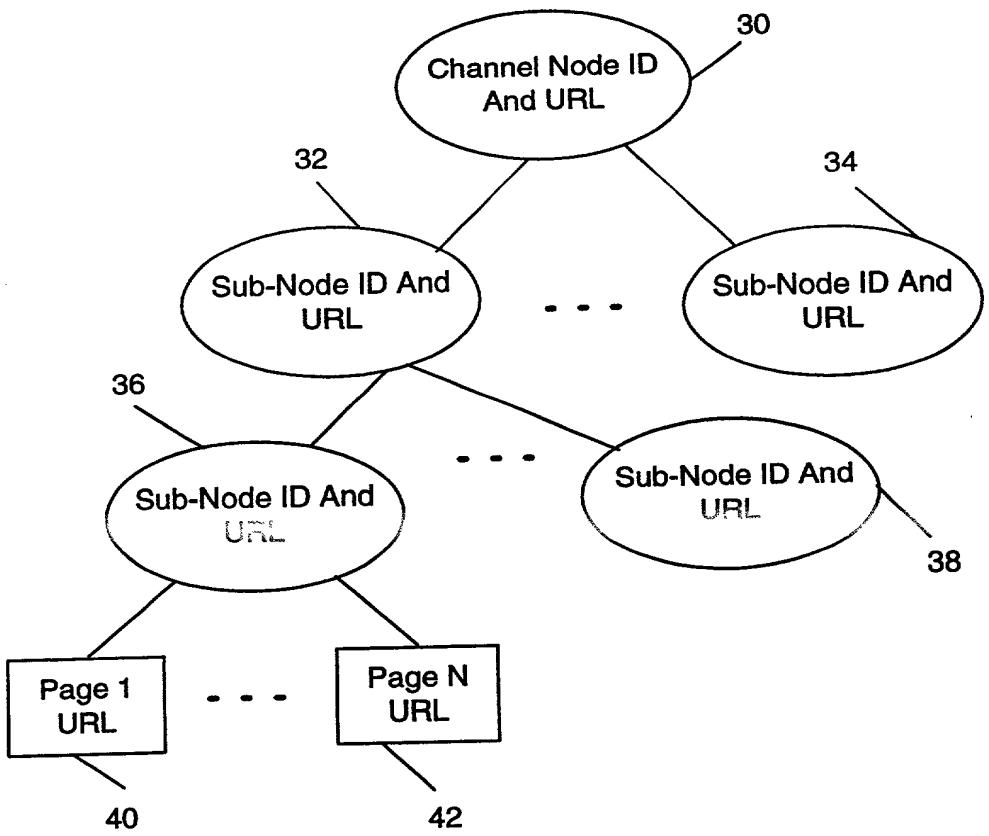


Fig. 2

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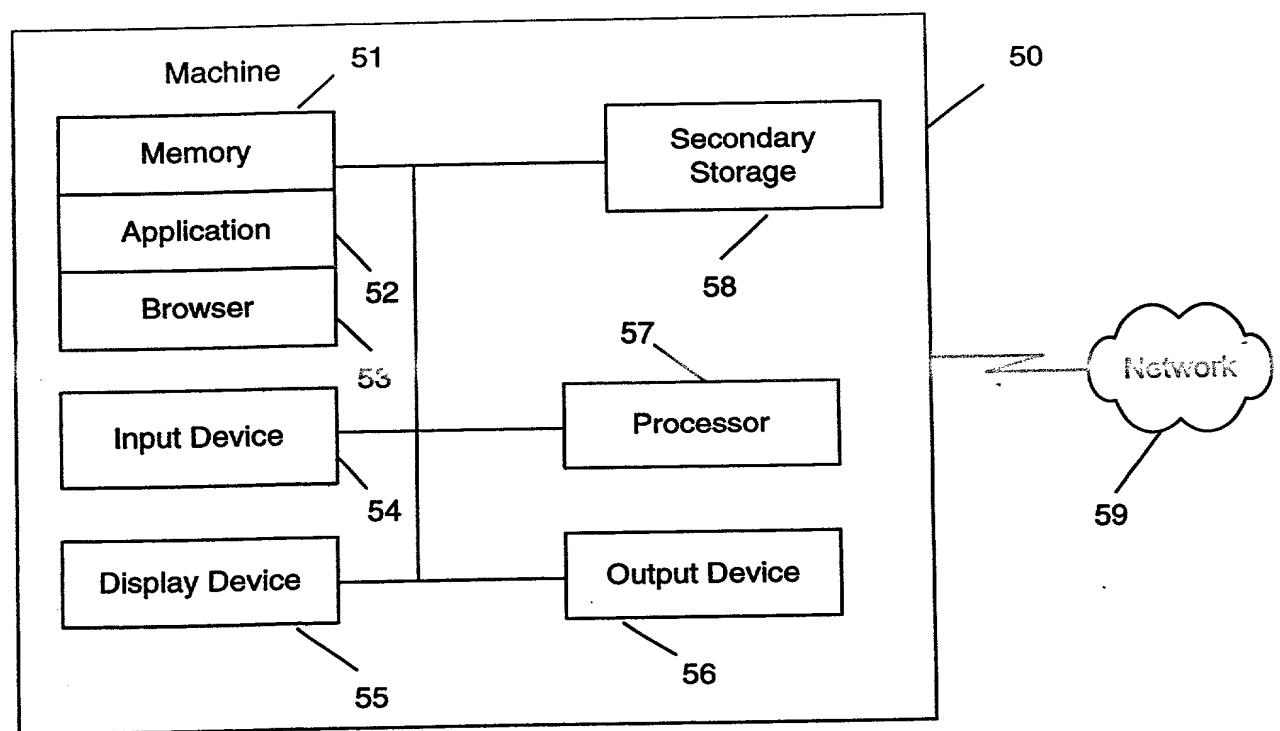


Fig. 3

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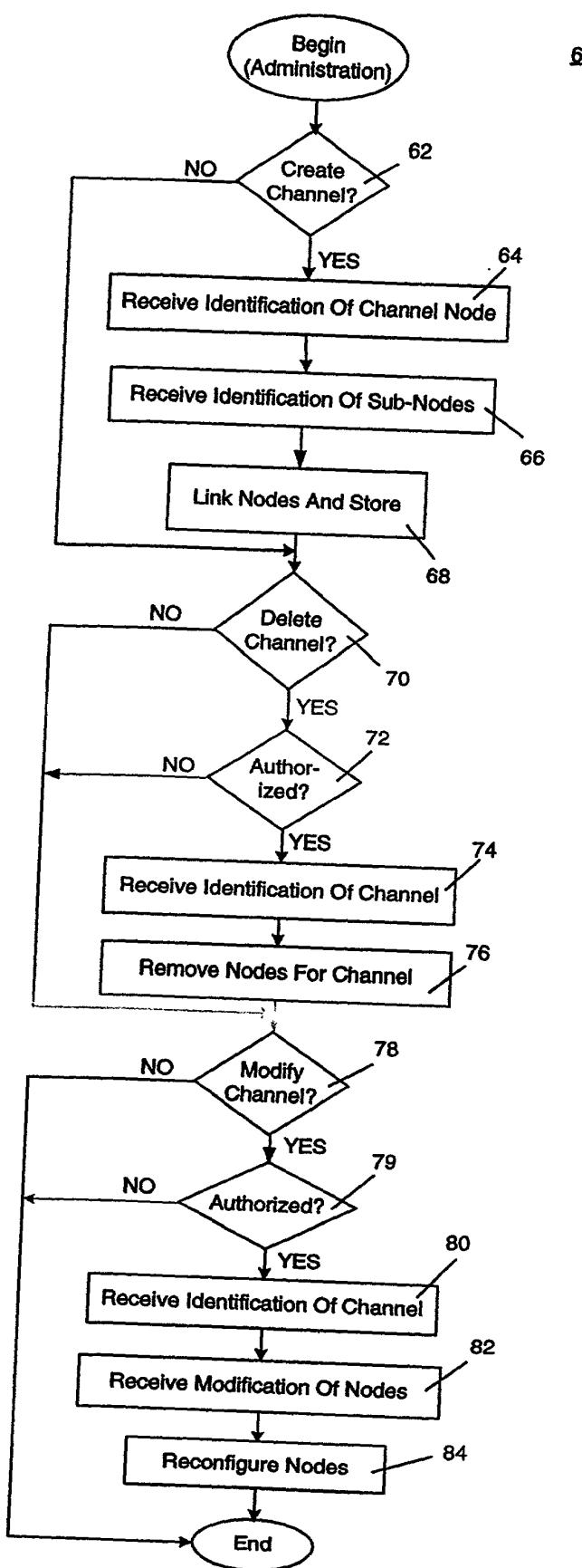


Fig. 4

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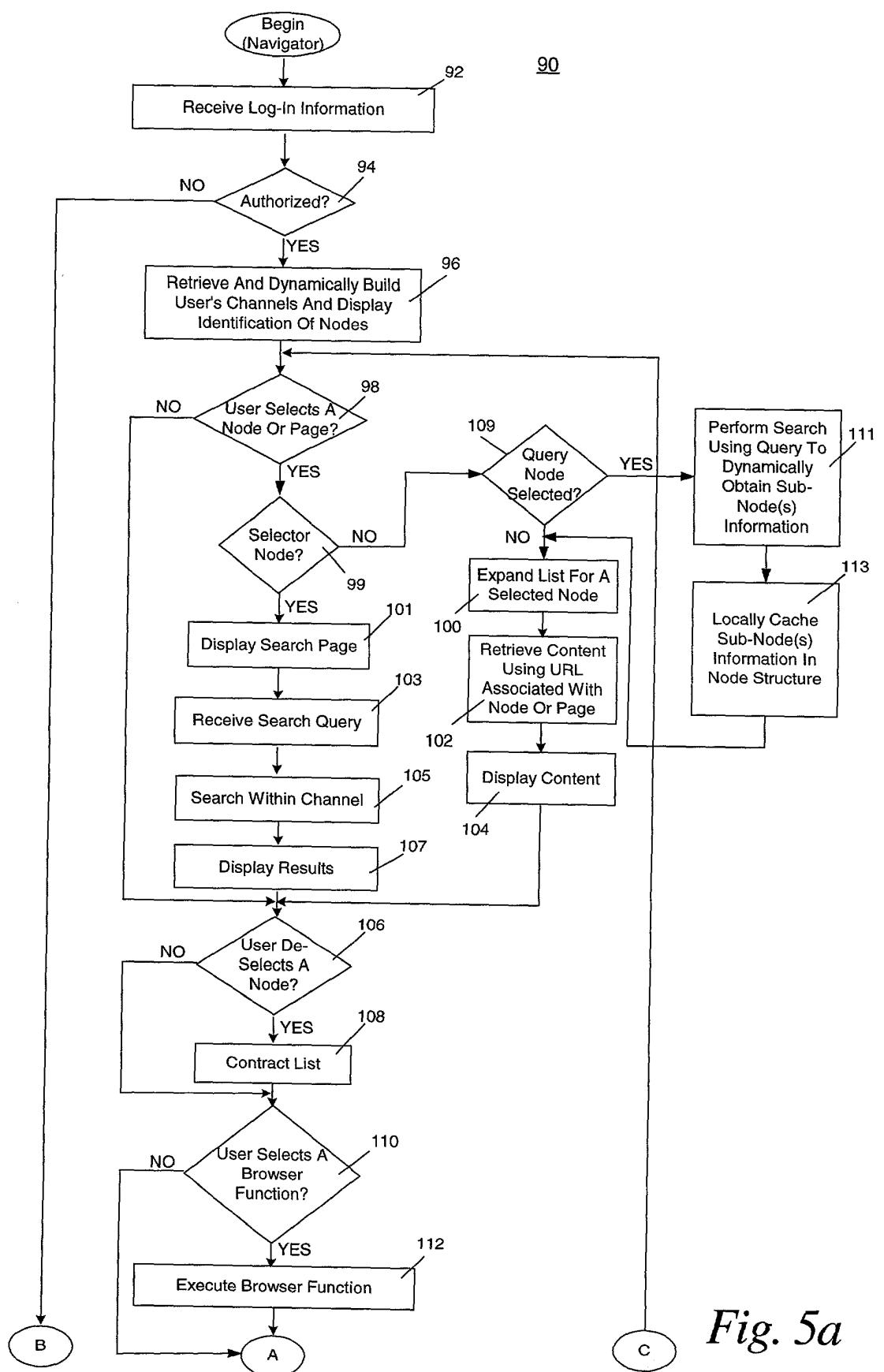


Fig. 5a

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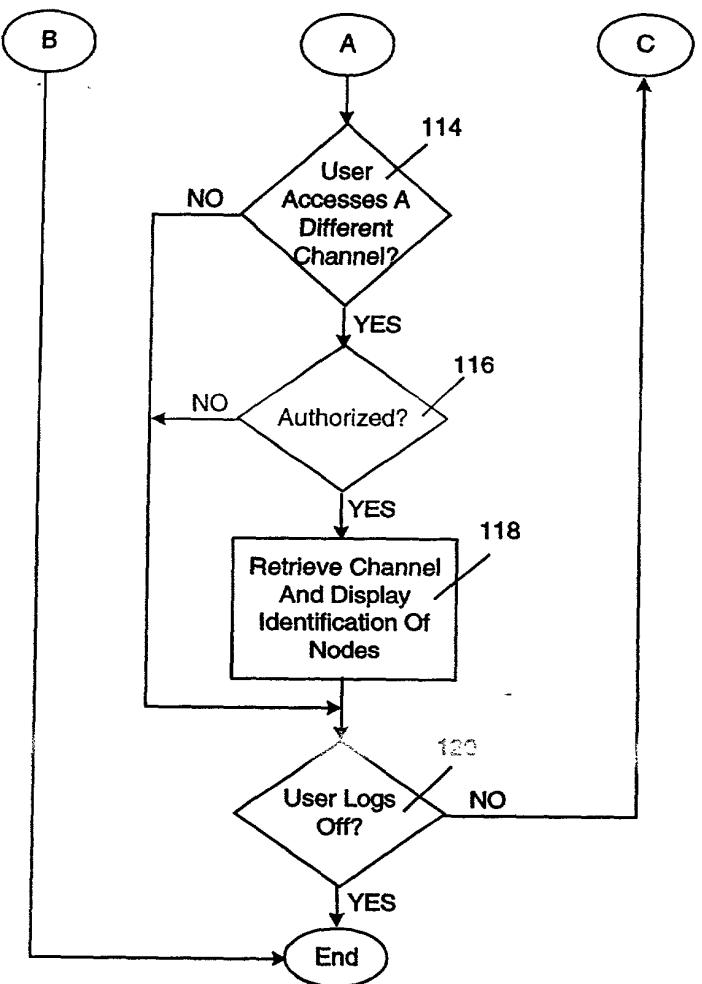


Fig. 5b

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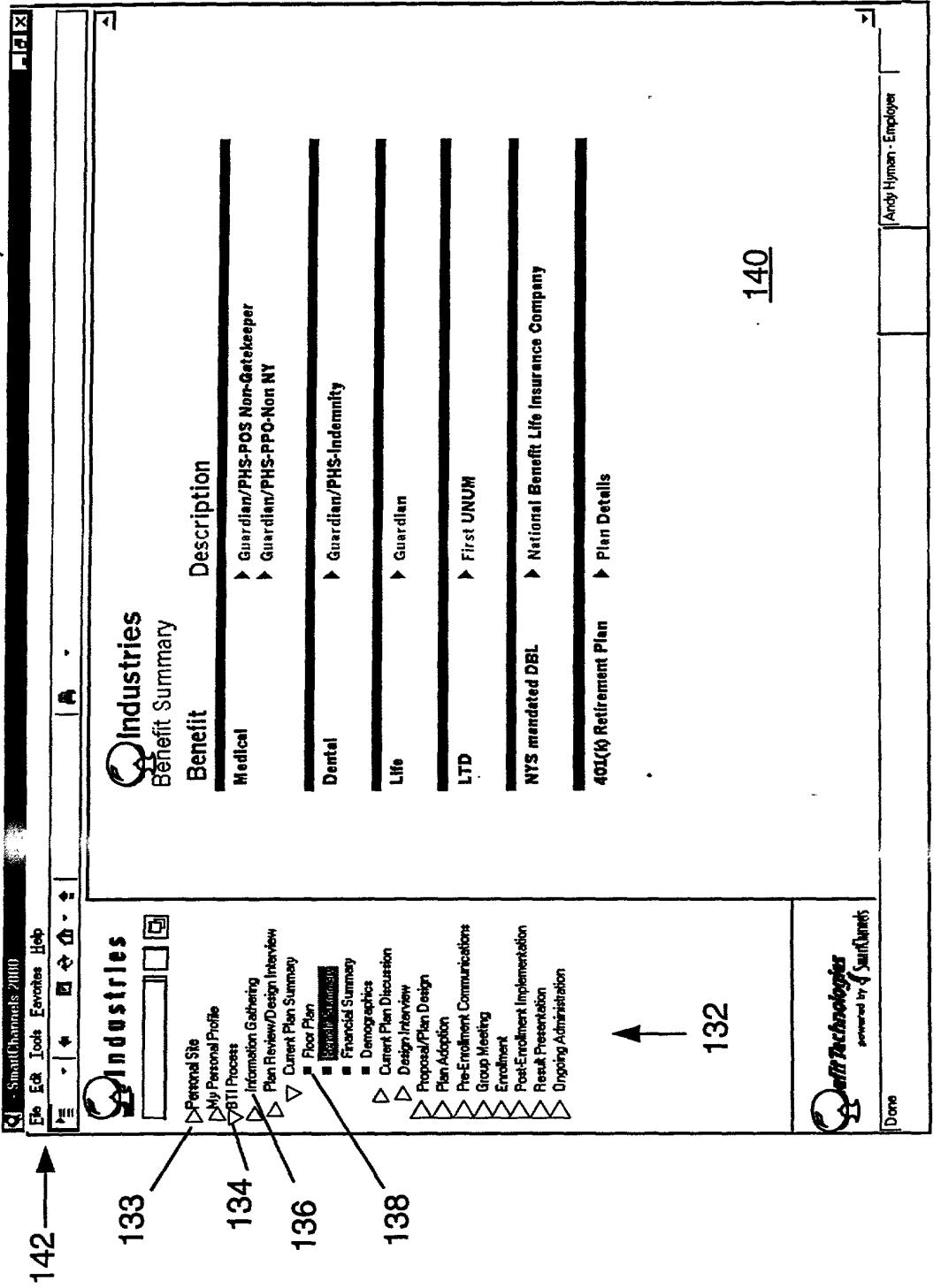


Fig. 6

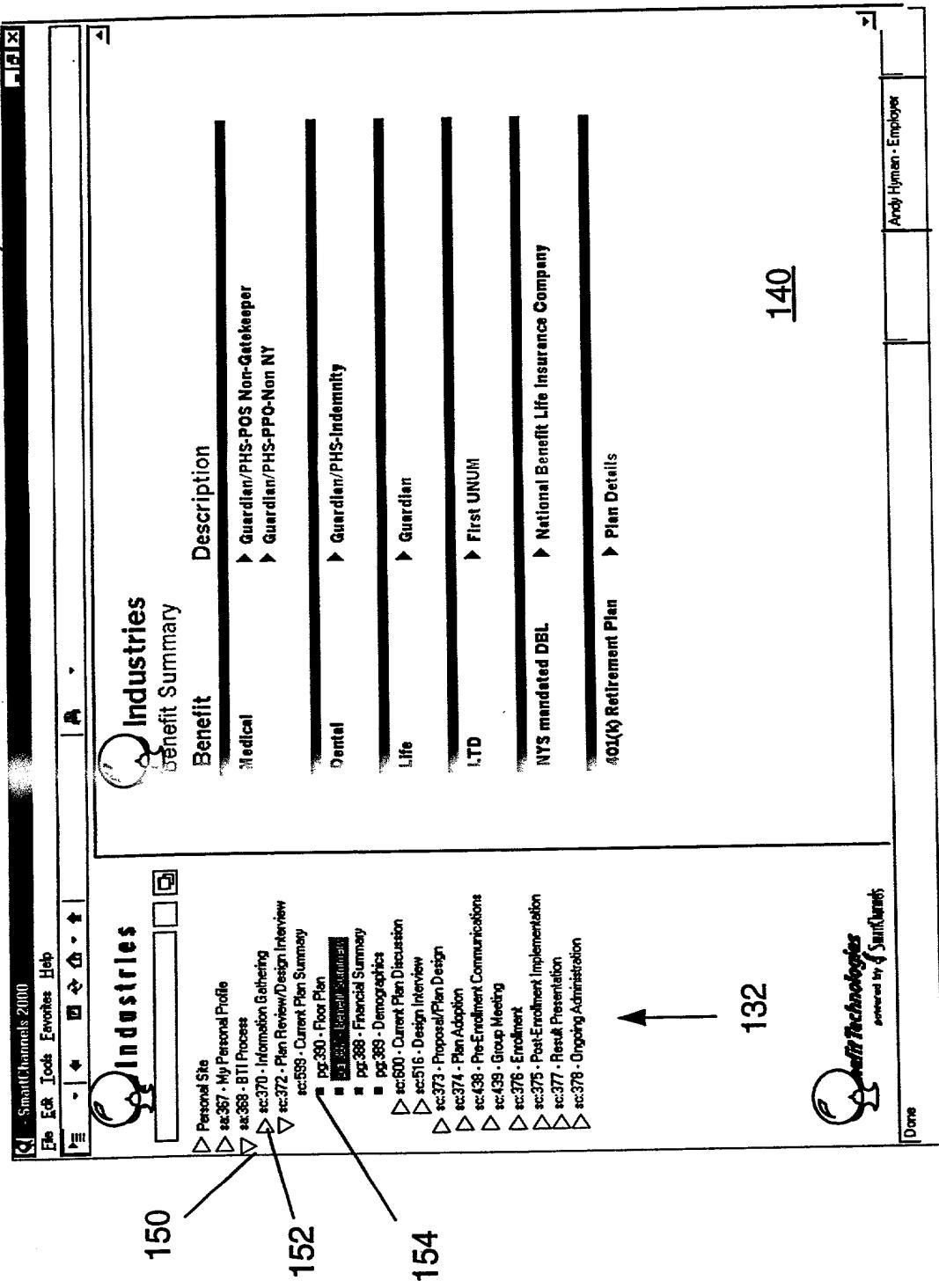


Fig. 7

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**SmartChannels.Net
Physical Database Schema - 9/21/00 - version 2.0**

Table Types

Abbreviation	Description	Purpose
PE	Primary Entities	Tables containing primary attributes (fields) of a primary business entity or object
SE	Singular Supplemental Attributes Table, applying to Every primary entity record	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a one to one relationship with that primary business entity or object. Attributes of this type of table apply to every related primary entity record. In other words, every primary entity record has these supplemental attributes as well.
SS	Singular Supplemental Attributes Table, applying to Some or Specific types of primary entity records	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a one to one relationship with that primary business entity or object. Attributes of this type of table apply to specific types of related primary entity records, usually based on a field value within the primary entity record or may just apply to some primary entities. In other words, not every primary entity record has these supplemental attributes.
ME	Multiple Supplemental Attributes Table, applying to Every primary entity record	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a many to one relationship with that primary business entity or object. Attributes of this type of table apply to every related primary entity record. In other words, every primary entity record has these supplemental attributes as well.
MS	Multiple Supplemental Attributes Table, applying to Some or Specific types of primary entity records	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a many to one relationship with that primary business entity or object. Attributes of this type of table may apply to specific types primary entity record, usually based on a field value within the primary entity record or may just apply to some primary entities. In other words, not every primary entity record has these supplemental attributes.
XL	Cross (X) Link Table	Tables which define a many to many relationship, usually between primary business entities or objects
LK	Lookup Table	Tables that describe a code or abbreviation used to represent an attribute in any other type of table.
S T	System Table	Tables developed by SmartChannels.Net containing attributes (fields) which can drive system objects in the application
CL	Core Logic System Table	Tables developed by Core Logic containing attributes (fields) which can drive system objects in the application

Fig. 9

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Data Type Abbreviations

Abbreviation	MS-SQL Server 7.0 DataType	
b	binary[(n)]	
vb	varbinary[(n)]	
ch	char[(n)]	
vch	varchar[(n)]	
dt	datetime	
ts	Timestamp	
sdt	smalldatetime	
d	decimal[(p[, s])] numeric[(p[, s])]	Fixed Decimal
f1	float[(n)] real	Floating Point Decimal
i	int	Integer
si	smallint	Small Integer
ti	tinyint	Tiny Integer
m	money	Money
sm	smallmoney	Small Money
bt	bit	Bit
ud	user-defined datatypes	

Fig. 10

General Use Abbreviations

<u>Abbreviation</u>	<u>Description</u>
Addr	Address
Admin	Administrator
Amt	Amount
Arch	Archive
Ast	Assistance
Avg	Average
Bdcst	Broadcast
Ben	Benefit
Benf	Beneficiary
BOM	Beginning of Month
BOY	Beginning of Year
Cat	Category
Chg & Chgs	Change & Changes
Co	Company
Comp	Compensation
Coord	Coordination
CoPA	Company Plan
Ctrb	Contribution
Cvg	Coverage
Db	Database
Dct	Discount
Dep	Dependent
Desc	Description
Dest	Destination
Det	Detail
Dis	Discussion
DOM	Day of Month
DOY	Day of Year
Dy & Dys	Day & Days
Eff	Effective
Elect	Election
Elig	Eligible
Eligy	Eligibility
Emp	Employee
EOM	End of Month
EOY	End of Year
Evt	Event
Exp	Export
Ffmt	Fulfillment
Fmt	Format
Fndg	Funding
Freq	Frequency

<u>Abbreviation</u>	<u>Description</u>
Imp	Import
Init	Initial
Ins	Insurance
Loc	Location
LTD	Life To Date
Max	Maximum
Mbr	Member
Mgmt	Management
Mgr	Manager
Min	Minimum
Mkt	Market
MktP	Marketplace
Mo & Mos	Month & Months
Mthd	Method
No	Number
OE	Open Enrollment
Ofc	Office
Ofg	Offering
Ofr	Offer
Org	Organization
Pct	Percentage
Pg	Page
Pkg	Package
Plng	Planning
Pmt	Payment
Pref	Preferred
Prim	Primary
PTO	Paid Time Off
Recip	Recipient
Req	Request
Rsc	Resource
Sched	Schedule
Sec	Secondary
SKU	Stock Keeping Unit
Src	Source
Stmt	Statement
Subj	Subject
Subs	Subsequent
Svc	Service
Svg	Saving
Tech	Technology
Term	Termination
TPA	Third Party Administrator
Ven	Vendor
Vstg	Vesting
Yr & Yrs	Year & Years
YTD	Year To Date

Fig. 11

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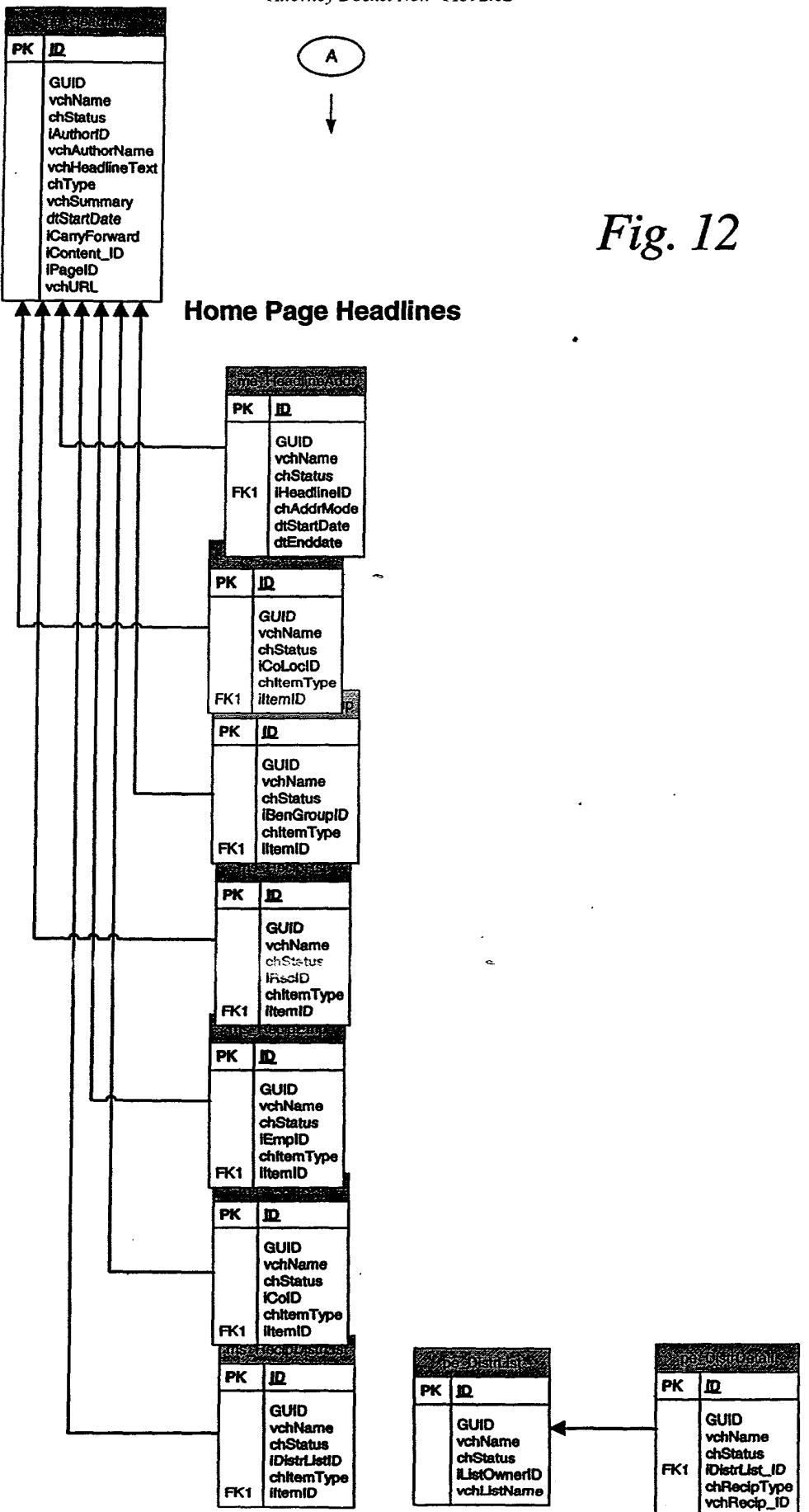


Fig. 12

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Fig. 13

System Tables

User Interface - Site Areas, Sections & Pages

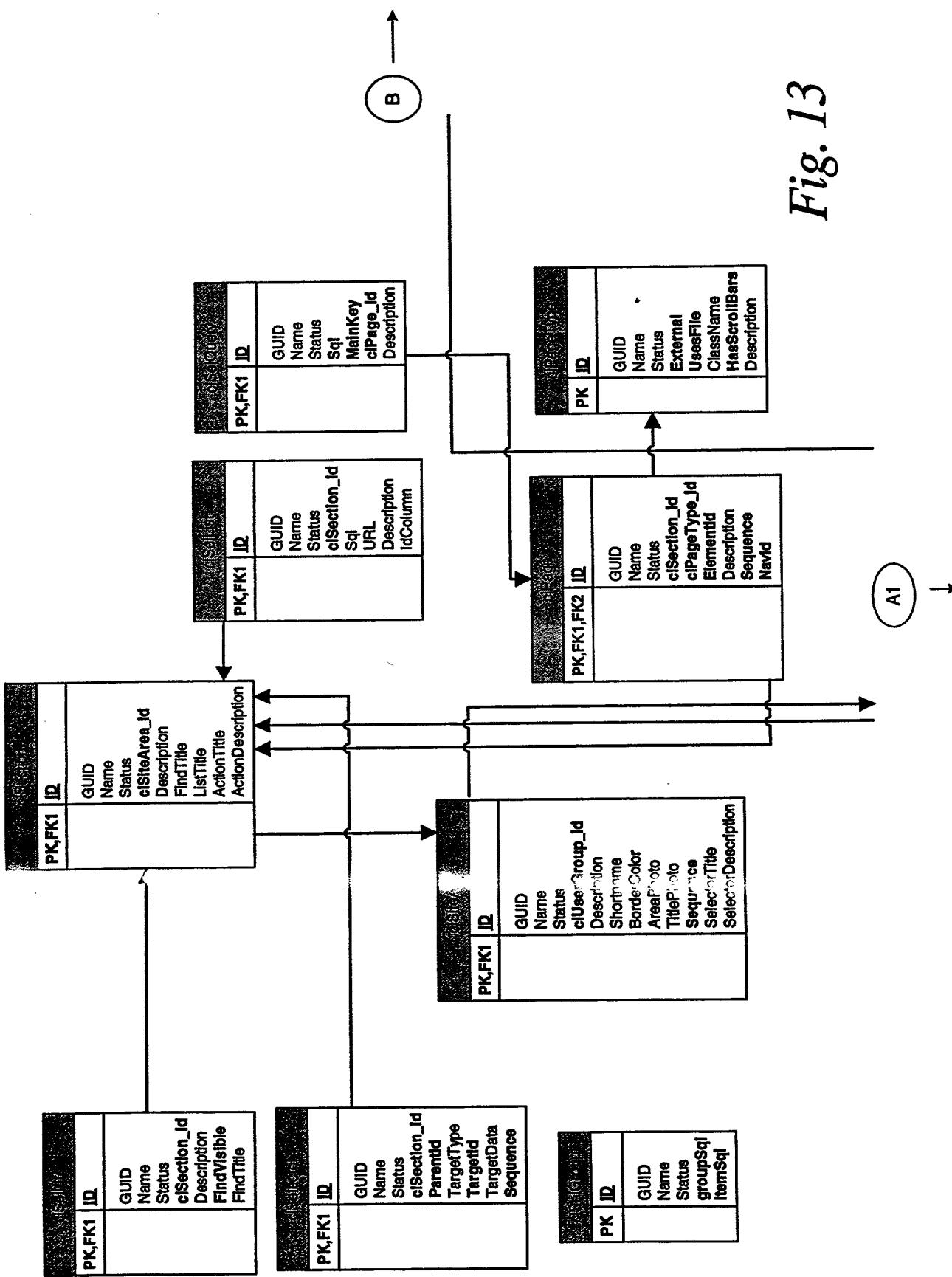
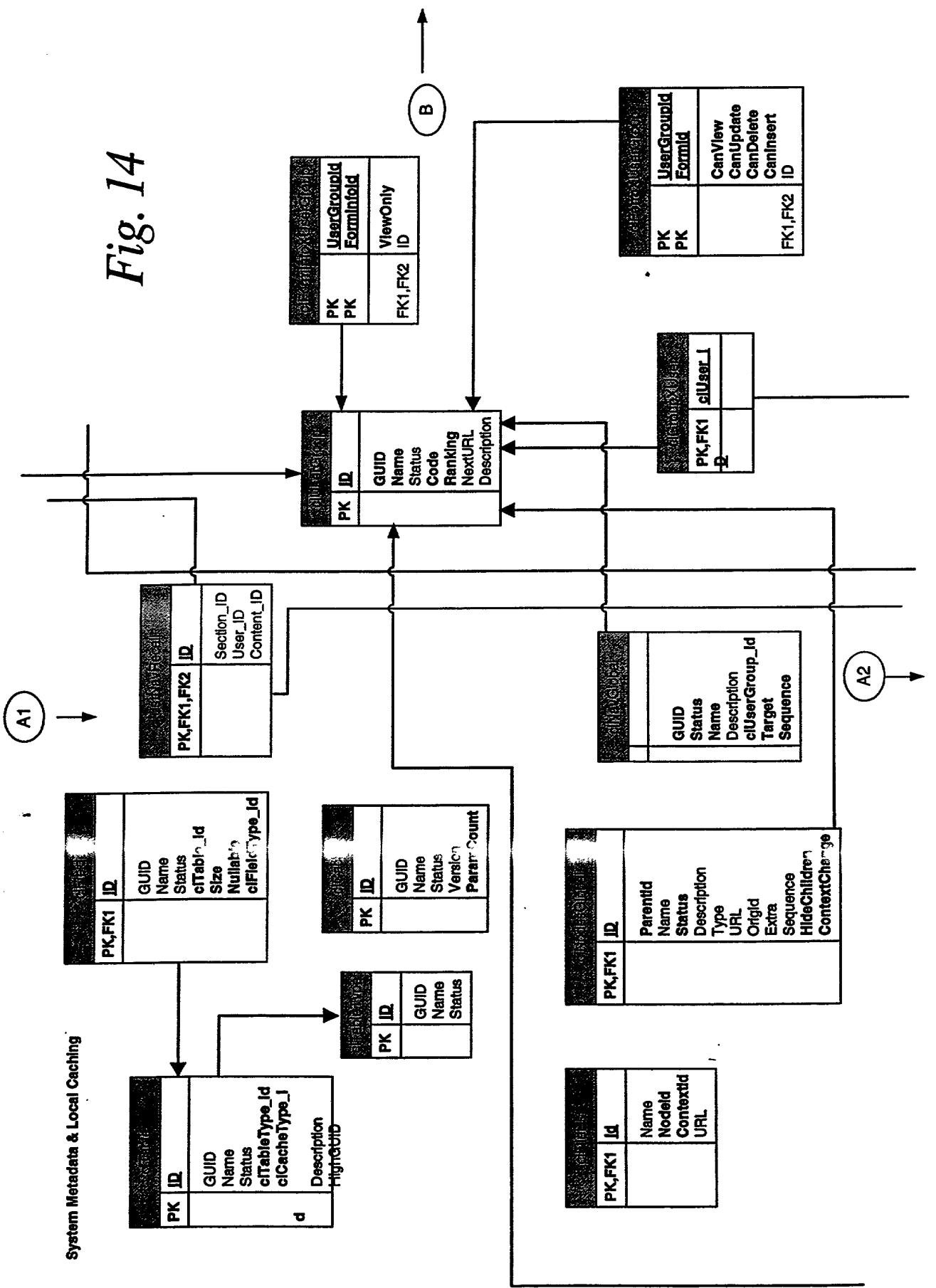


Fig. 14



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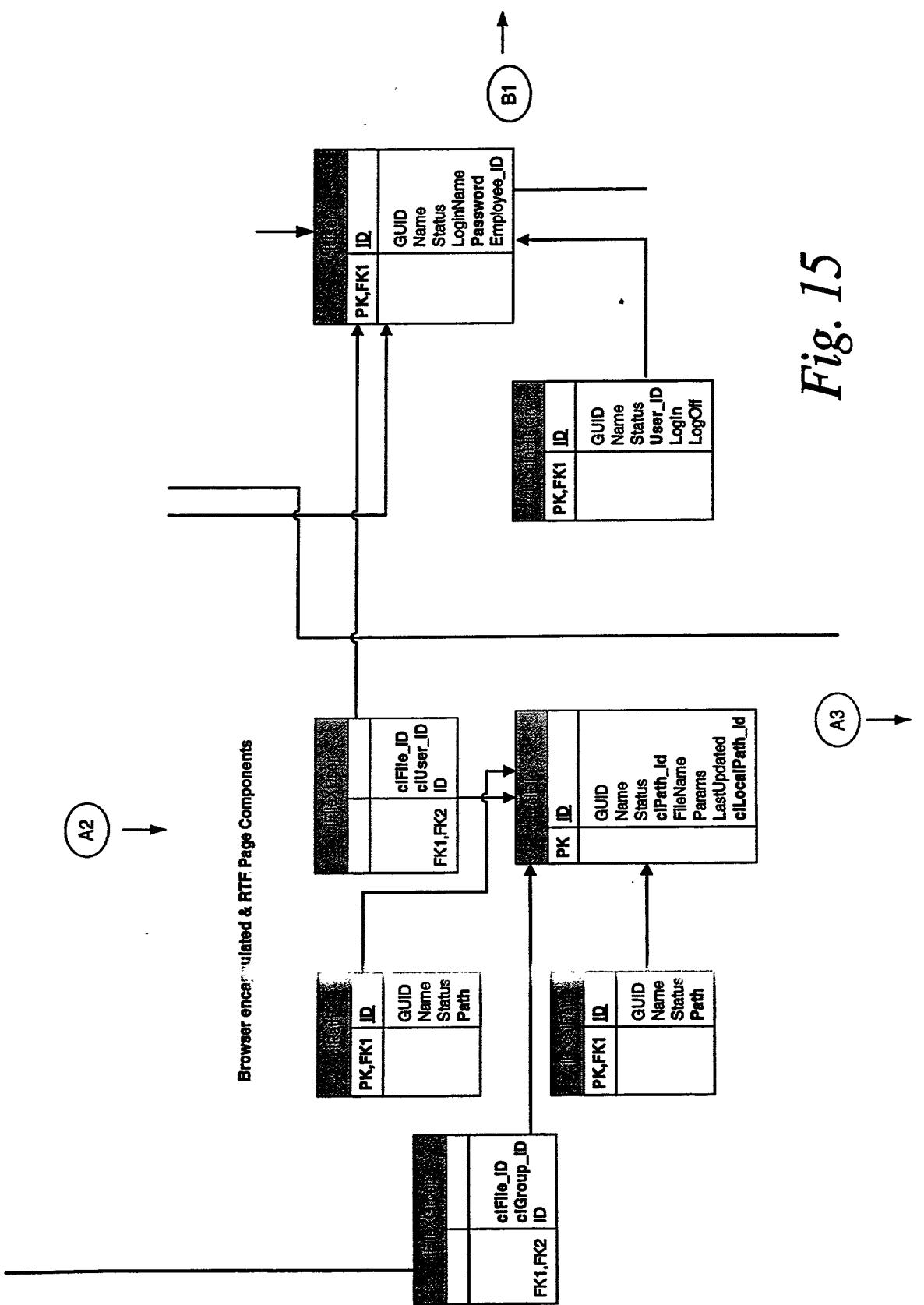
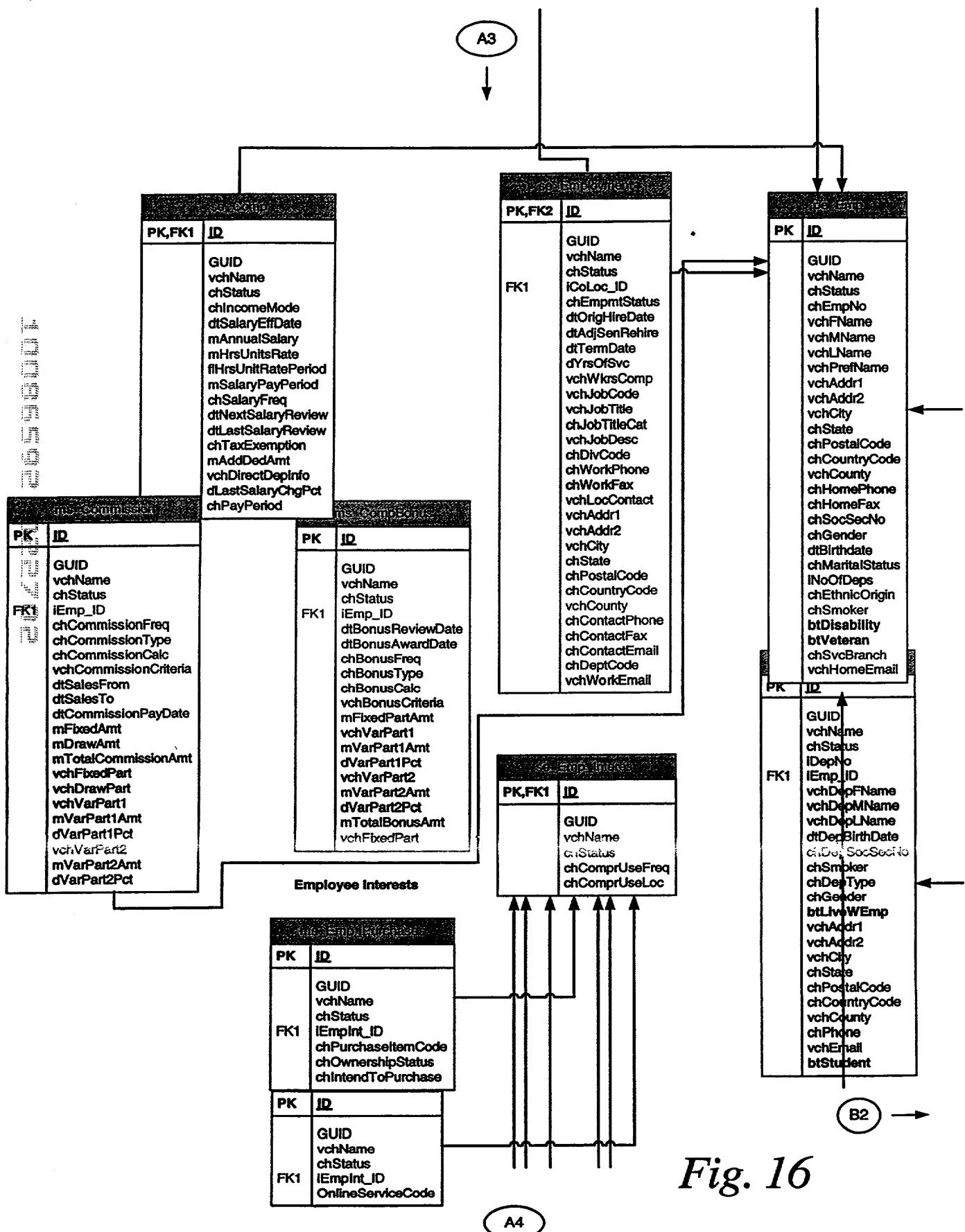


Fig. 15

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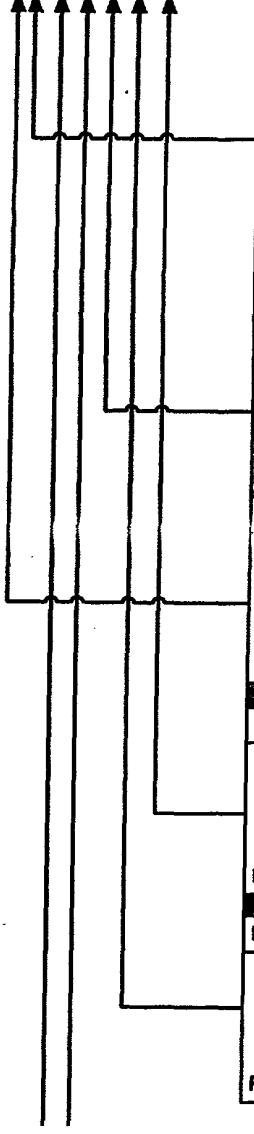
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Attorney Docket No.: 11592.02

DRAFT - DO NOT CITE OR RELY UPON

PK	ID
	GUID
	vchName
	chStatus
	lAuthorID
	vchAuthorName
	vchHeadlineText
	chType
	vchSummary
	dtStartDate
	lCarryForward
	lContent_ID
	IPageID
	vchURL

Home Page Headlines



A4

A5

PK	ID
	GUID
	vchName
	chStatus
FK1	iHeadlineID
	chAddrMode
	dtStartDate
	dtEnddate

PK	ID
	GUID
	vchName
	chStatus
FK1	lCoLocID
	chItemType
	lItemID

PK	ID
	GUID
	vchName
	chStatus
FK1	lBenGroupID
	chItemType
	lItemID

PK	ID
	GUID
	vchName
	chStatus
FK1	lRscID
	chItemType
	lItemID

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmpID
	chItemType
	lItemID

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmplnt_ID
	chEntertainmentCode
	chEntertainmentFreq

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmplnt_ID

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmplnt_ID
	chActivityCode
	chActivityFreq

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmplnt_ID

PK	ID
	GUID
	vchName
	chStatus
FK1	lEmplnt_ID
	chInvestmentType
	chOwnershipStatus

B3

PK	ID
	GUID
	vchName
	chStatus
	vchHeadlineText
	chType
	vchTitle
	lAuthorID
	vchAuthorName
	vchSubj
	dtDate
	dtArchiveDate
	vchBdcastText_Content

PK	ID
	GUID
	vchName
	chStatus
FK1	lContent_ID
	IPage_ID
	vchURL

Forum

PK	ID
	GUID
	vchName
	chStatus
	chTargetCode
	lBdcastTarget_ParentID
	lBdcastText_ID
	IPageID
	vchURL

Fig. 17

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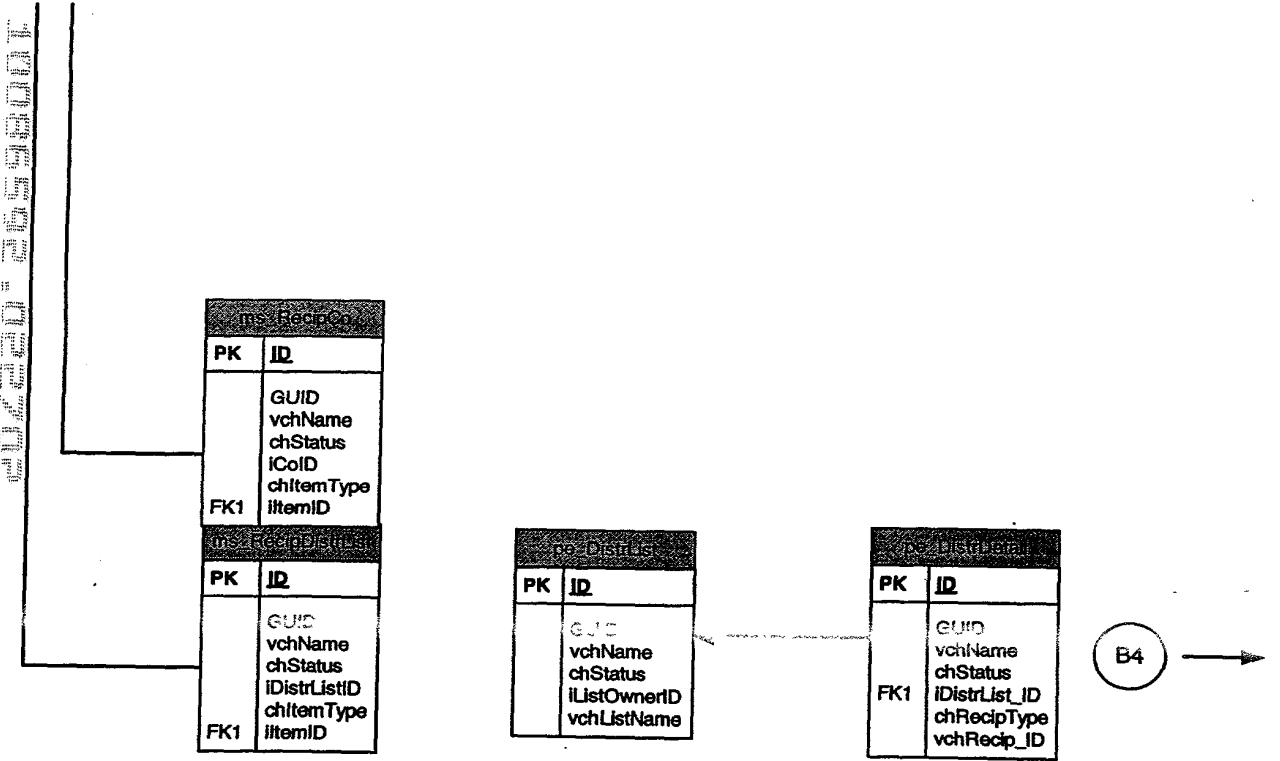


Fig. 18

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Form Page Components

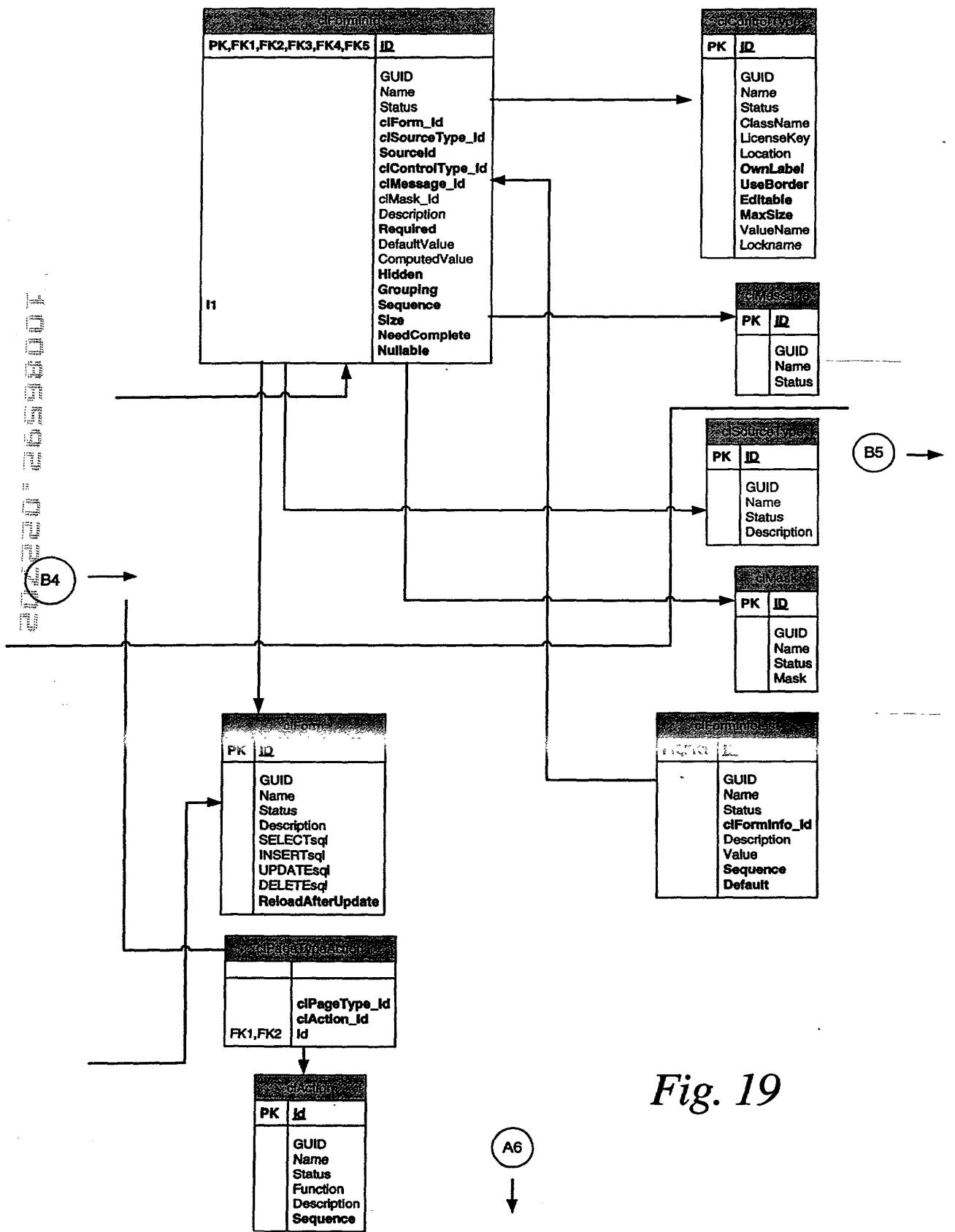


Fig. 19

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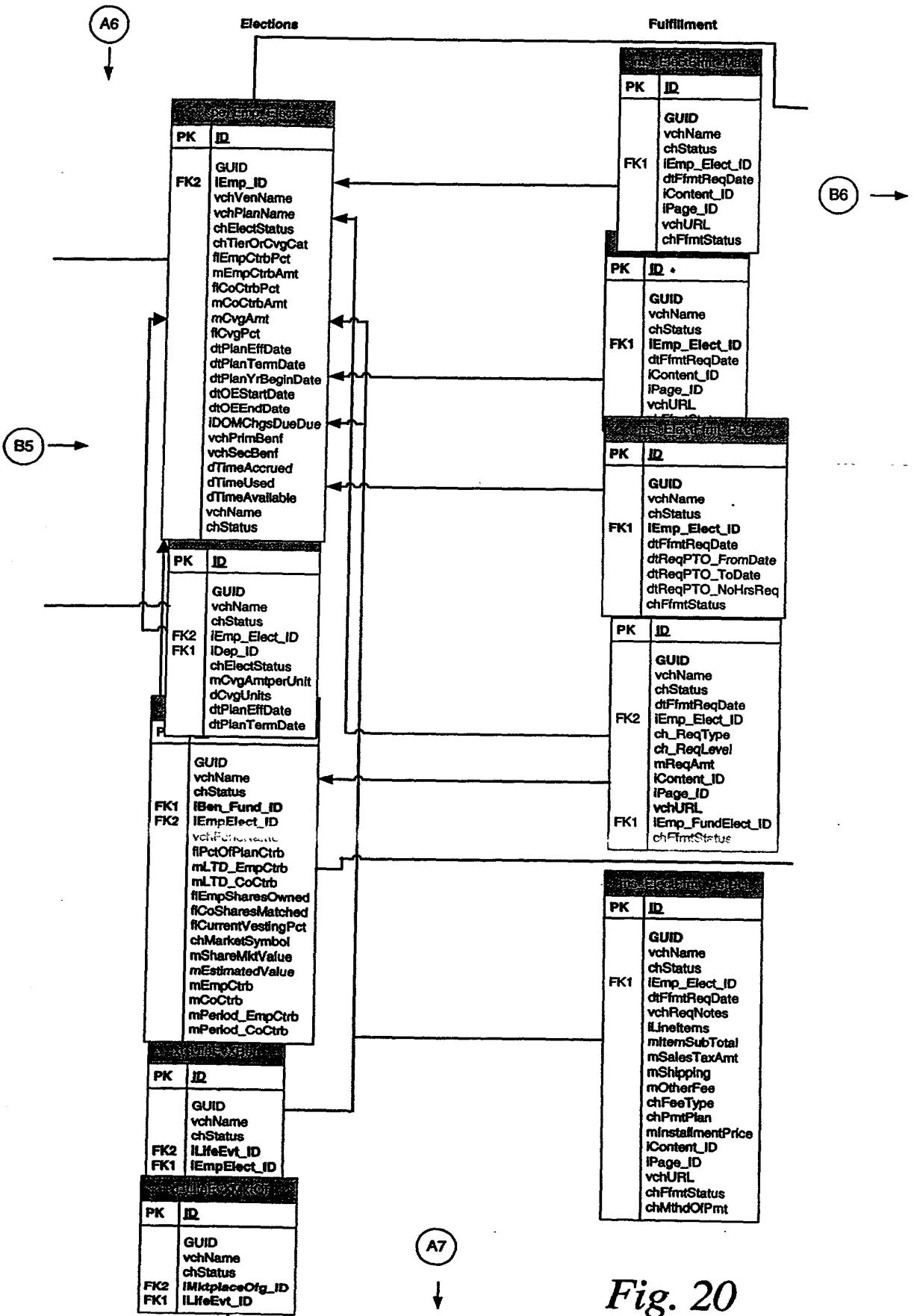
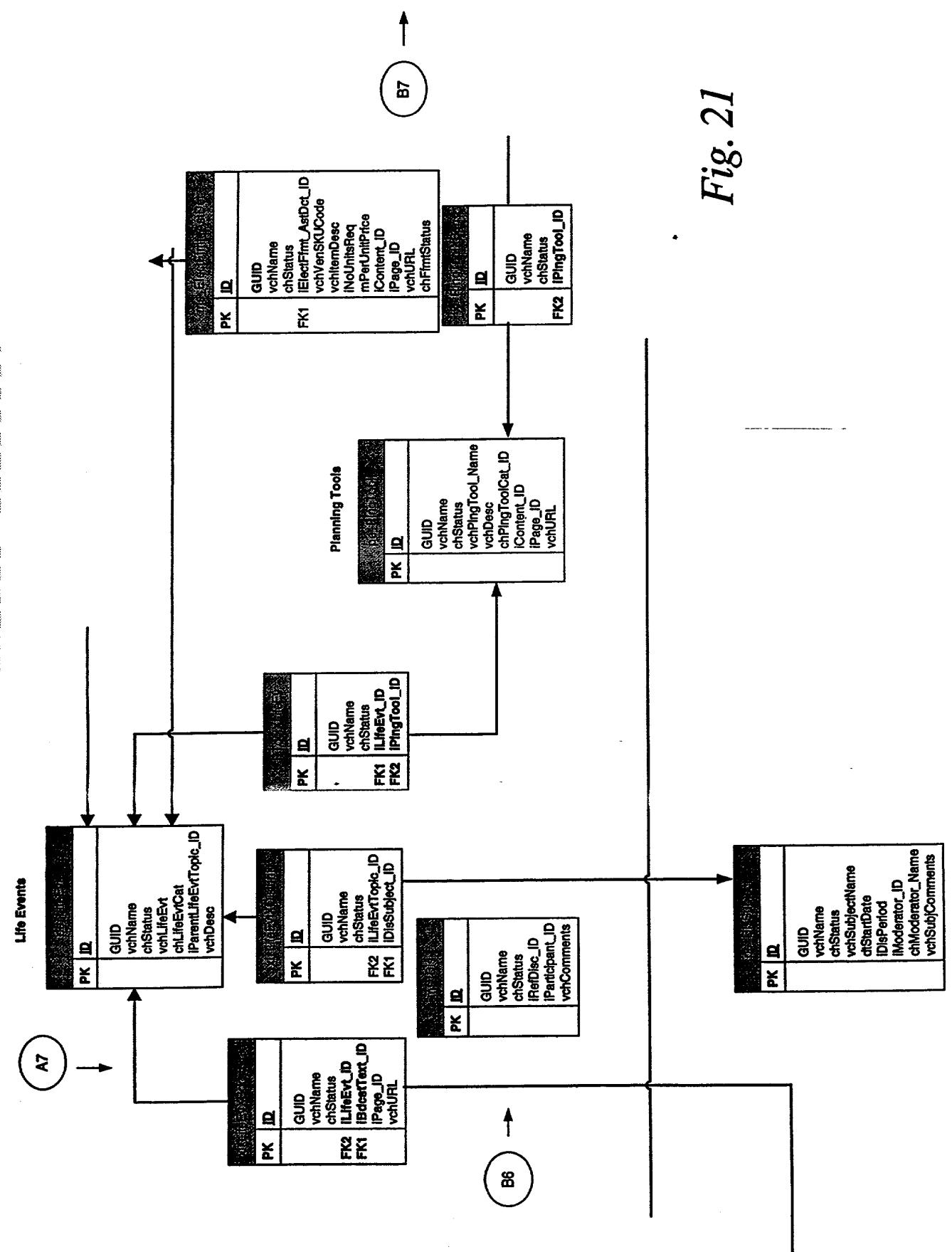


Fig. 20

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Fig. 21

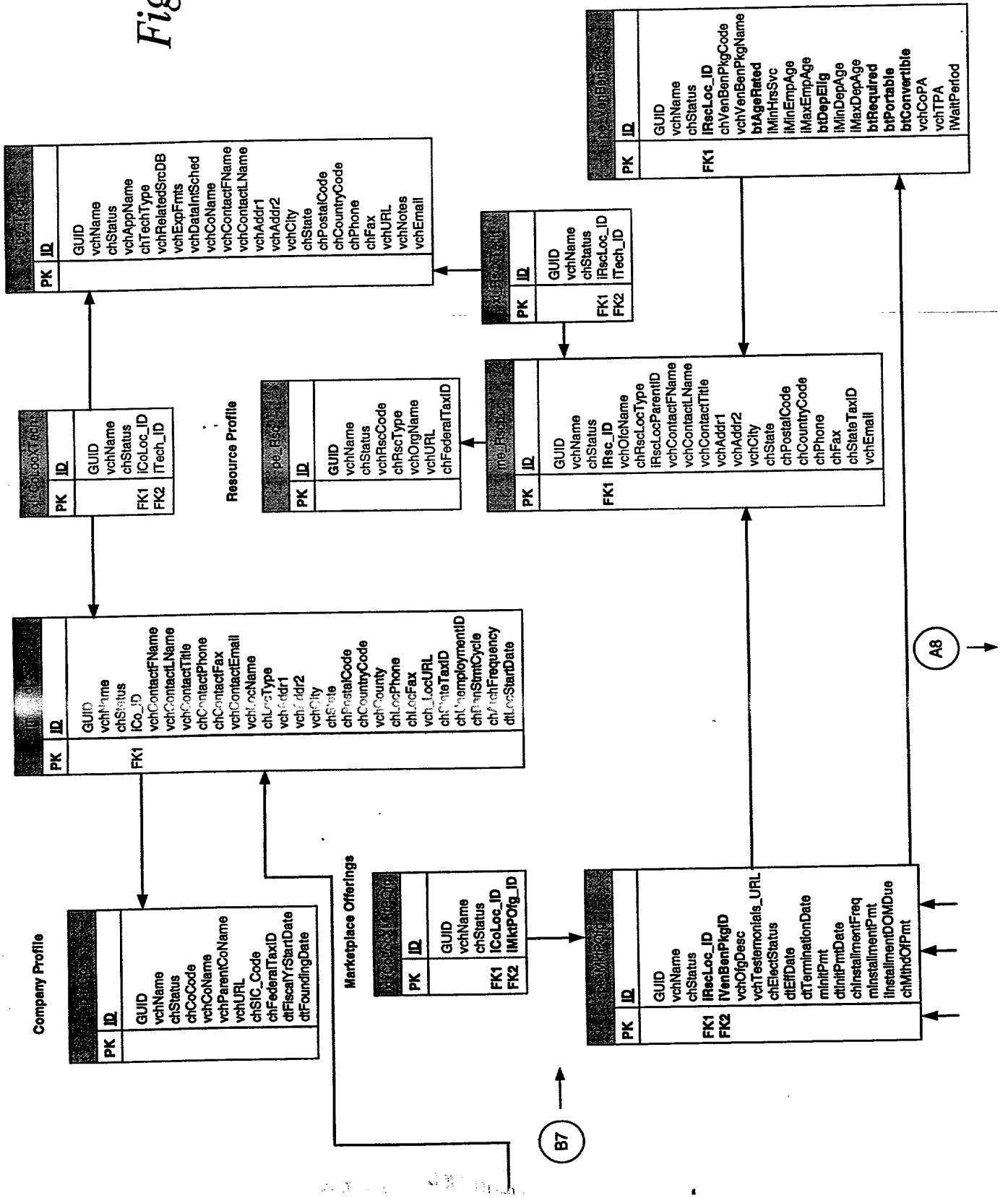


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Fig. 22



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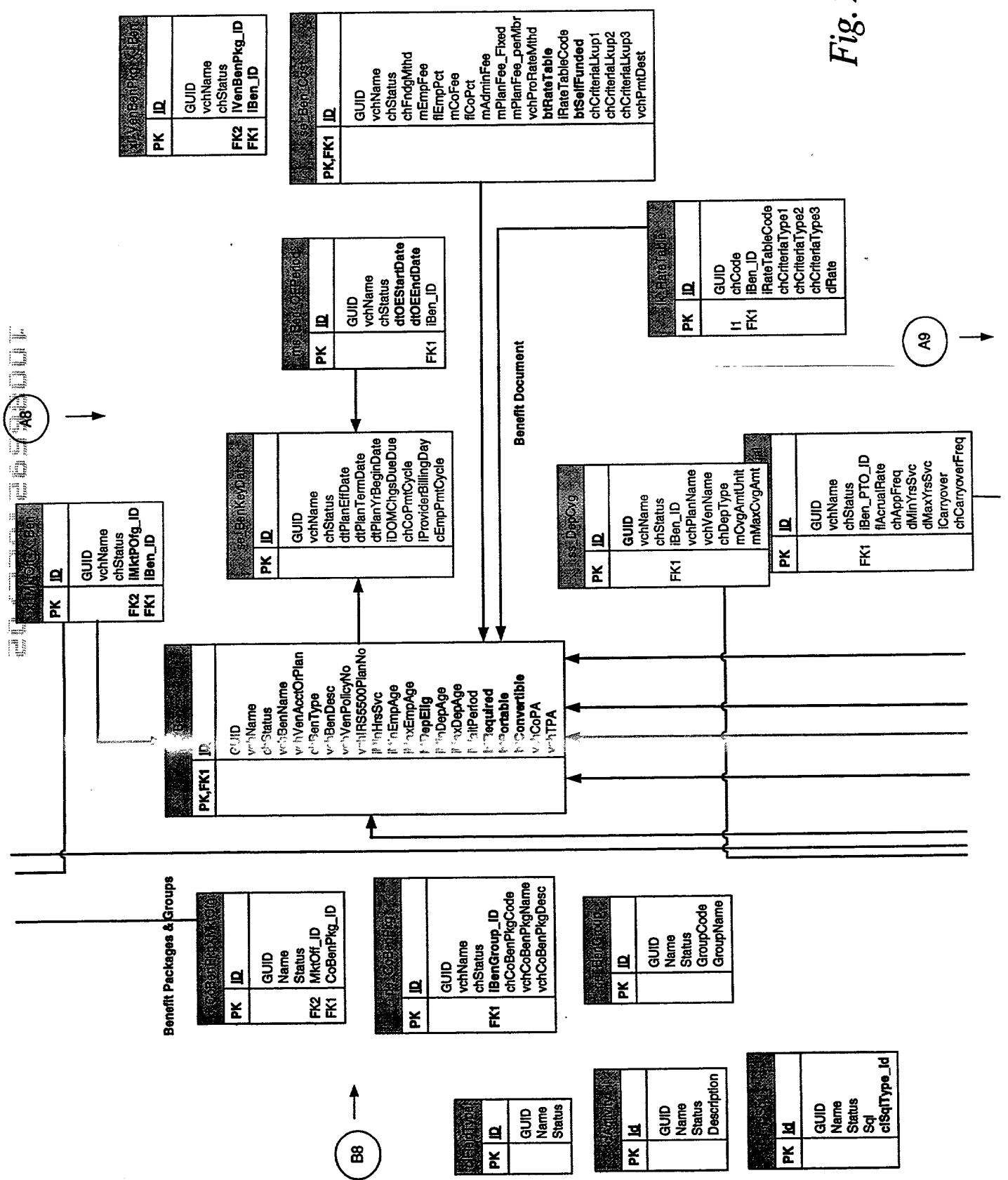


Fig. 2.3

Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE PERSONAL SITES AND MEMBERSHIP CHANNELS
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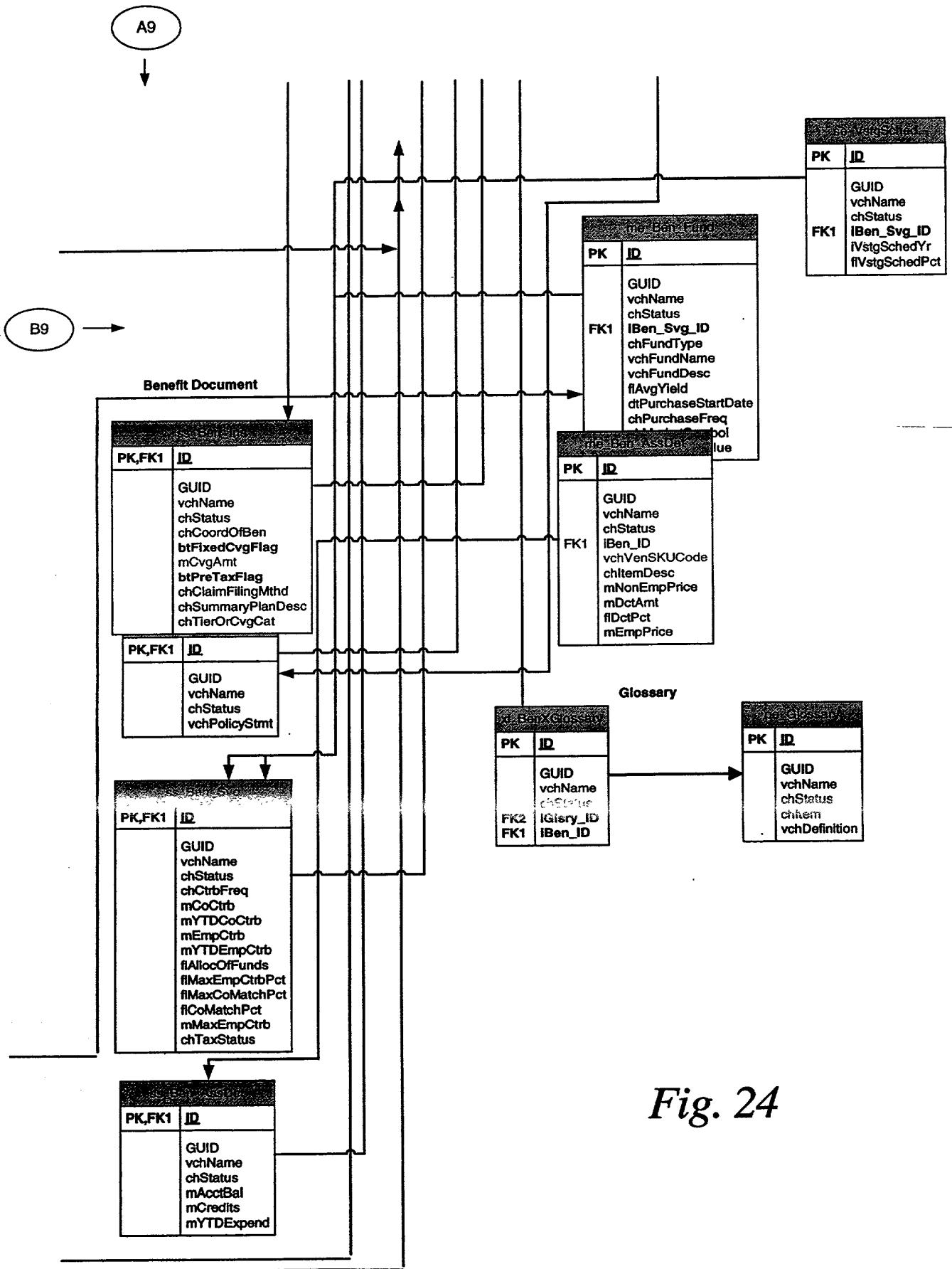


Fig. 24

Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
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Lookup Tables

lk_LookupTables	
PK	ID
I1	GUID chCode vchDesc
lk_PurchaseOrder	
PK	ID
I1	GUID chCode vchDesc
lk_Region	
PK	ID
I1	GUID chCode vchDesc
lk_ElectStatus	
PK	ID
I1	GUID chCode vchDesc
lk_BonusCommodity	
PK	ID
I1	GUID chCode vchDesc
lk_ReadingType	
PK	ID
I1	GUID chCode vchDesc
lk_TermsAndCond	
PK	ID
I1	GUID chCode vchDesc
lk_MemberPerm	
PK	ID
I1	GUID chCode vchDesc
lk_CoOpType	
PK	ID
I1	GUID chCode vchDesc
lk_Computer	
PK	ID
I1	GUID chCode vchDesc
lk_CompressLevel	
PK	ID
I1	GUID chCode vchDesc
lk_Response	
PK	ID
I1	GUID chCode vchDesc
lk_PurchaseOfferType	
PK	ID
I1	GUID chCode vchDesc
lk_Publication	
PK	ID
I1	GUID chCode vchDesc
lk_OrgType	
PK	ID
I1	GUID chCode vchDesc
lk_Status	
PK	ID
I1	GUID chCode vchDesc
lk_Store	
PK	ID
I1	GUID chCode vchDesc
lk_Activity	
PK	ID
I1	GUID chCode vchDesc
lk_ScheduleType	
PK	ID
I1	GUID chCode vchDesc
lk_MediaType	
PK	ID
I1	GUID chCode vchDesc

A10



Fig. 25

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Ik_ReadingReq	
PK	ID
I1	GUID chCode vchDesc
Ik_MktSymbol	
PK	ID
I1	GUID chCode vchDesc
Ik_PingToolConf	
PK	ID
	GUID chCode vchDesc
Ik_SvcBranch	
PK	ID
I1	GUID chCode vchDesc
Ik_RegLevel	
PK	ID
I1	GUID chCode vchDesc
Ik_TechType	
PK	ID
I1	GUID chCode vchDesc
Ik_DivCode	
PK	ID
I1	GUID chCode vchDesc
Ik_Frequency	
PK	ID
I1	GUID chCode vchDesc
Ik_MemStatus	
PK	ID
I1	GUID chCode vchDesc
Ik_AdmMode	
PK	ID
I1	GUID chCode vchDesc
Ik_AdmResults	
PK	ID
I1	GUID chCode vchDesc

Fig. 26

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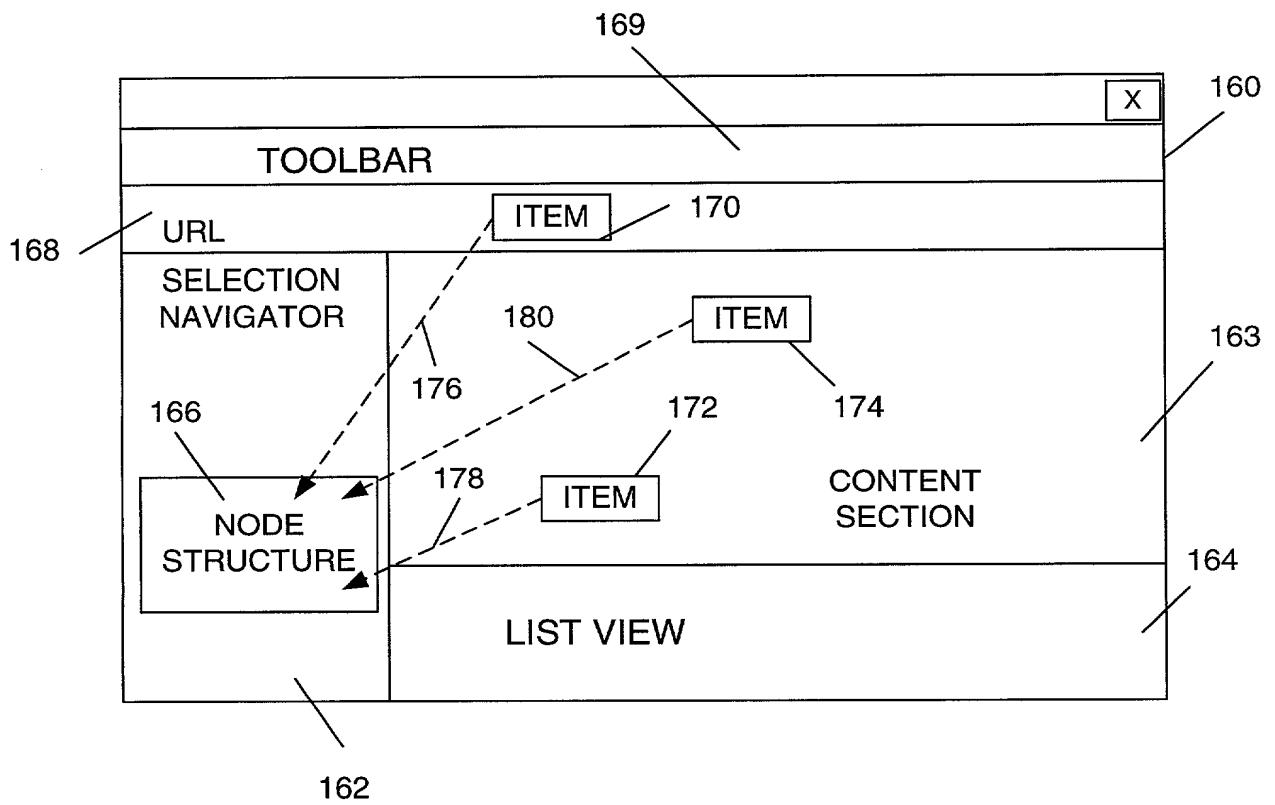


Fig. 27

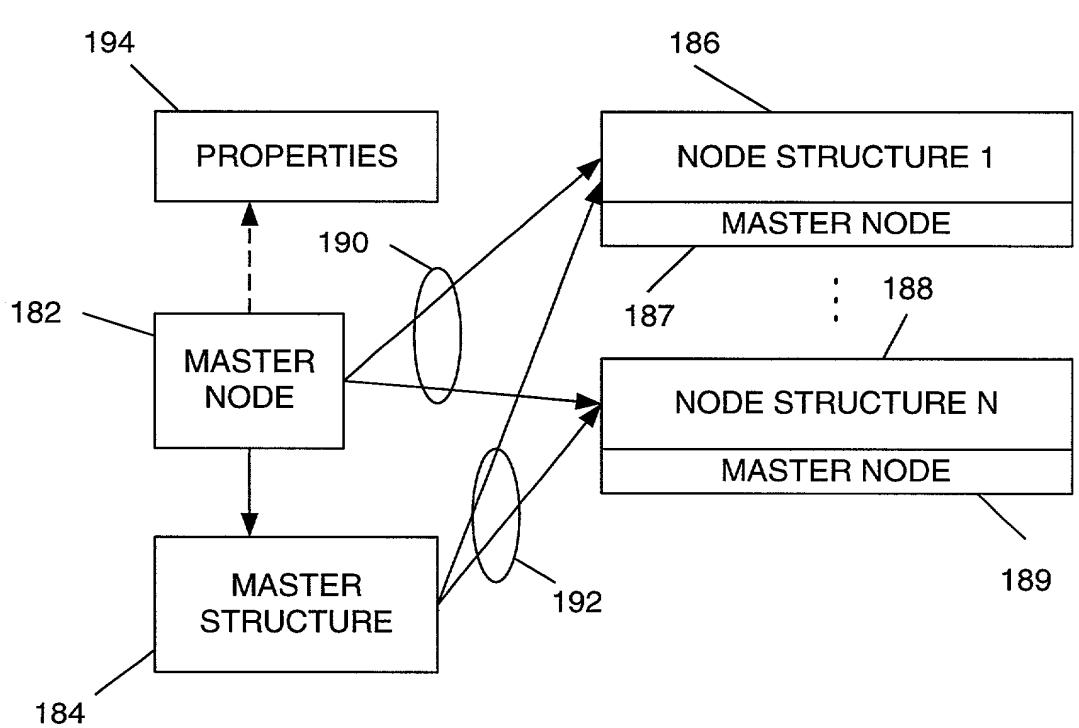


Fig. 28

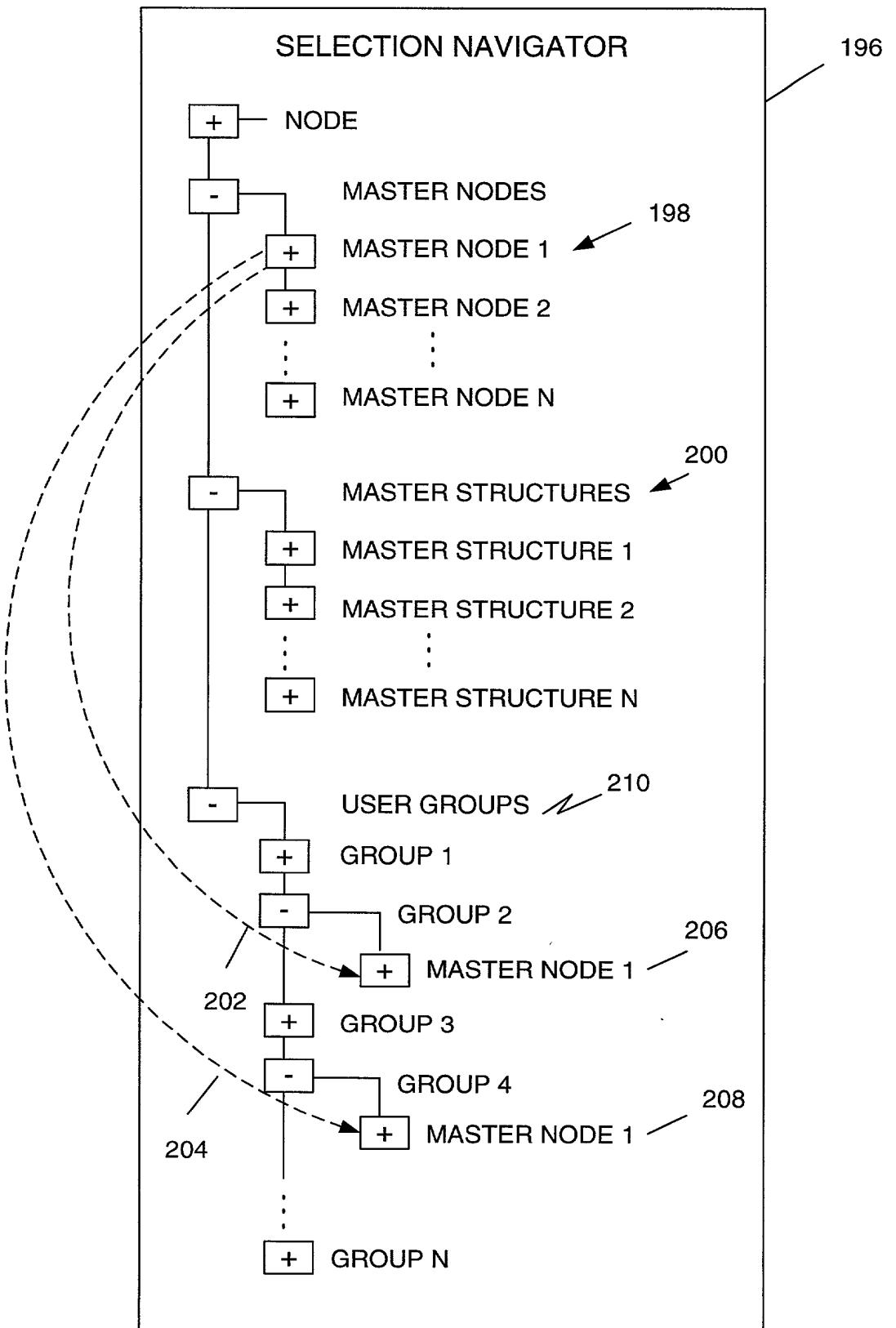


Fig. 29

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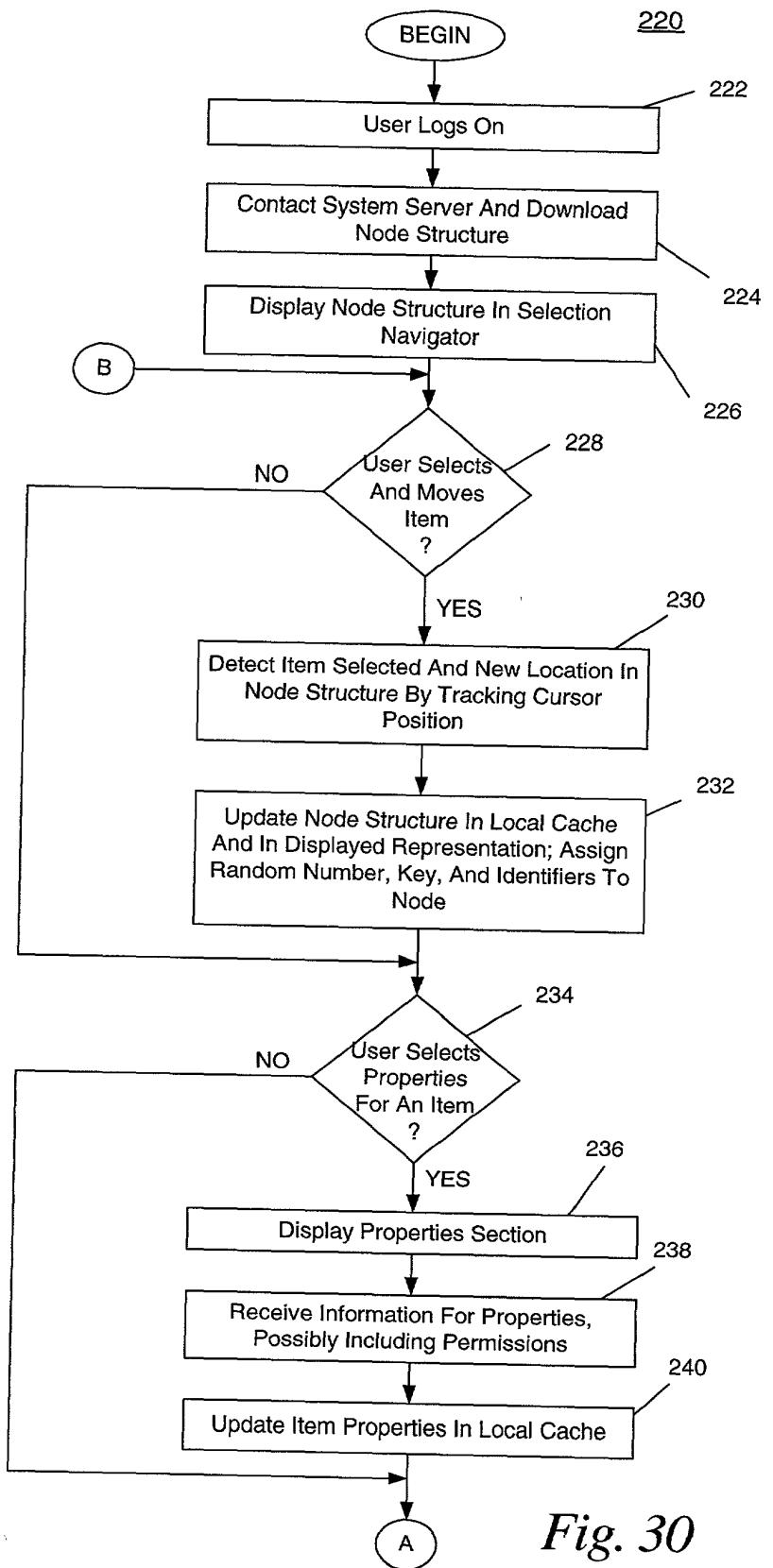


Fig. 30

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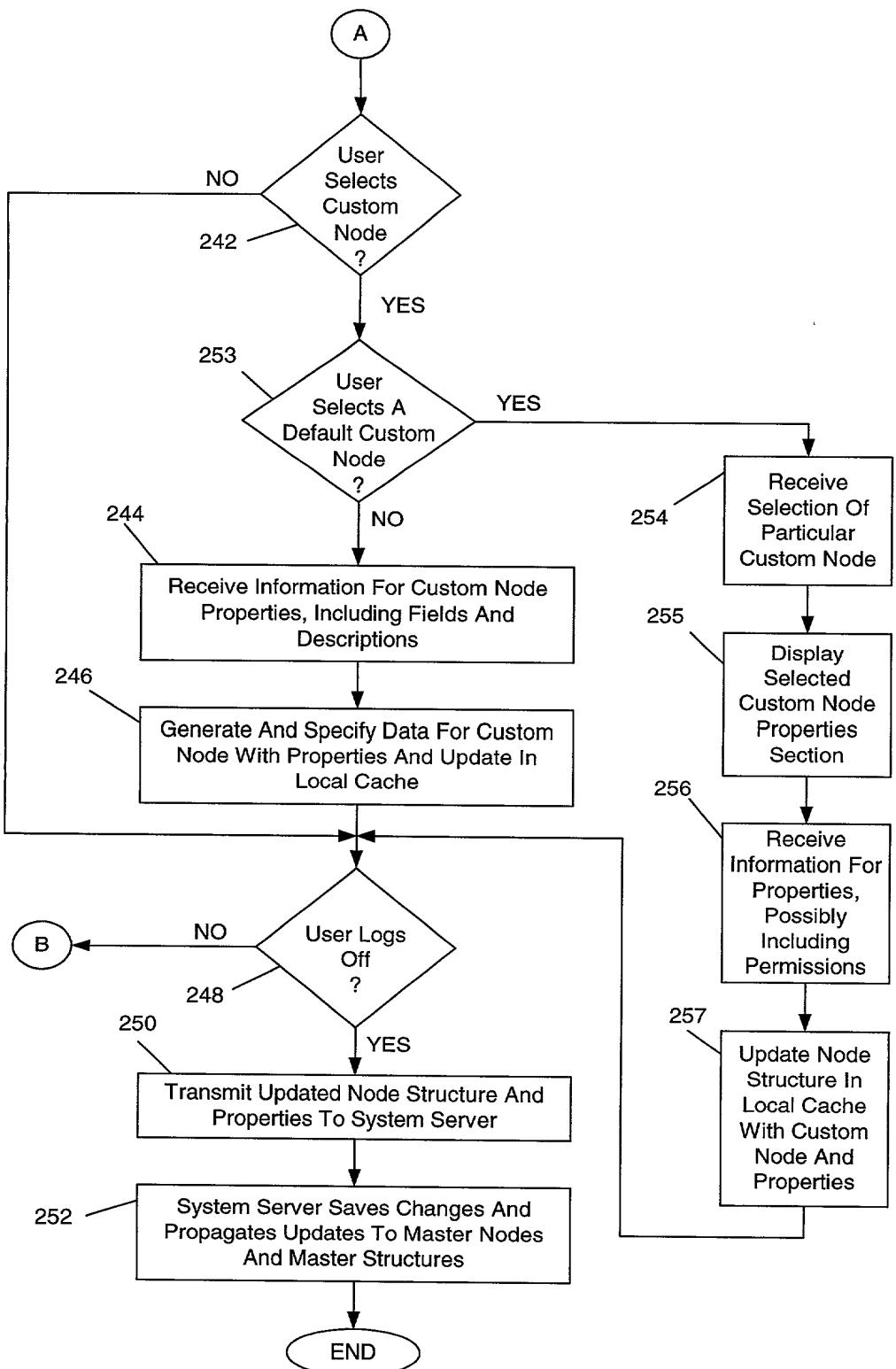


Fig. 31

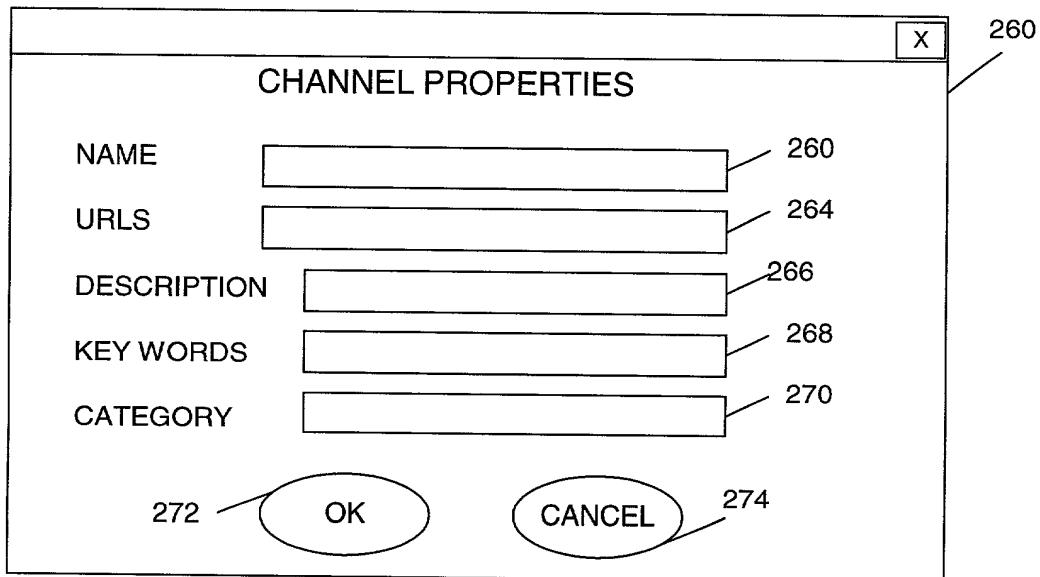


Fig. 32

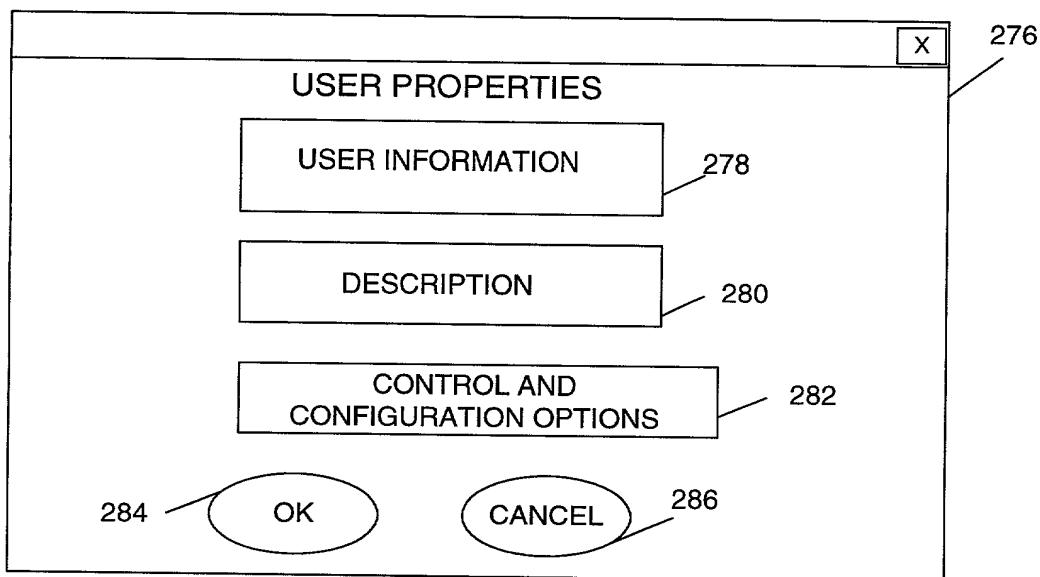


Fig. 33

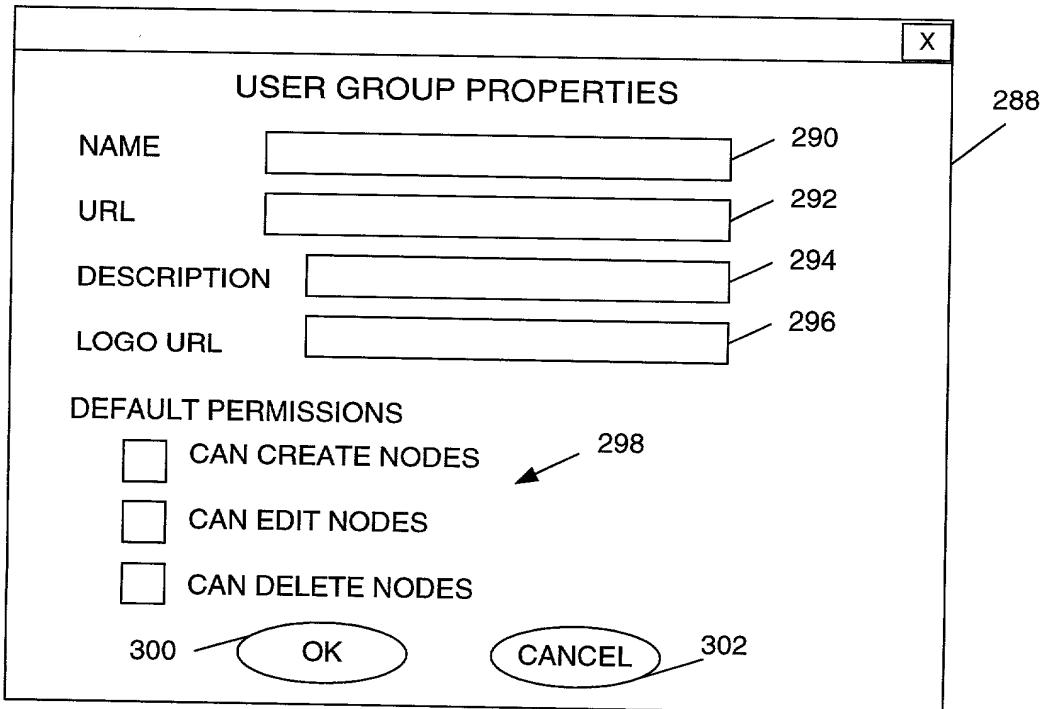


Fig. 34

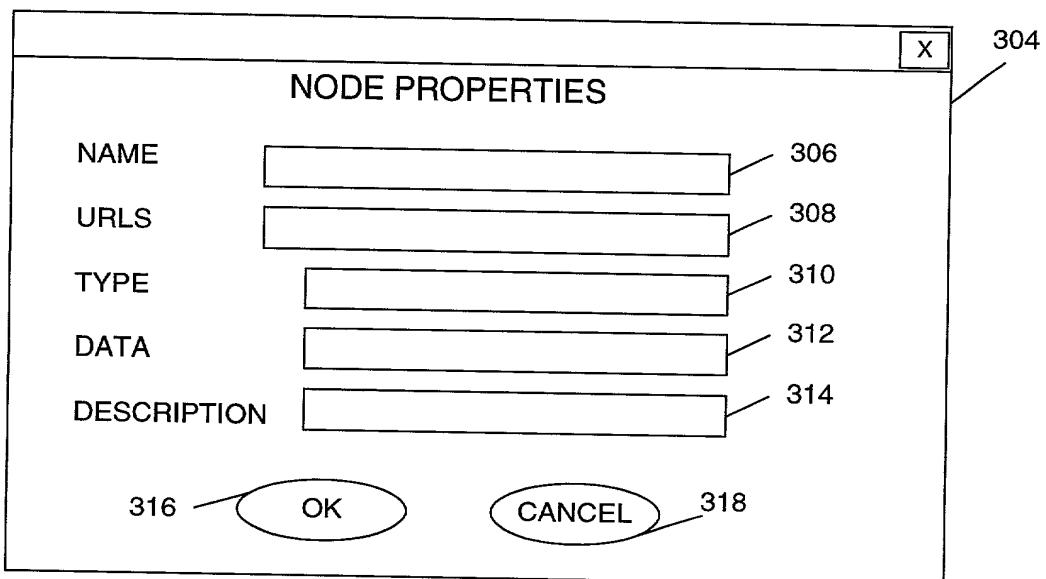


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J E D E E S I E - Q U E E Z O E

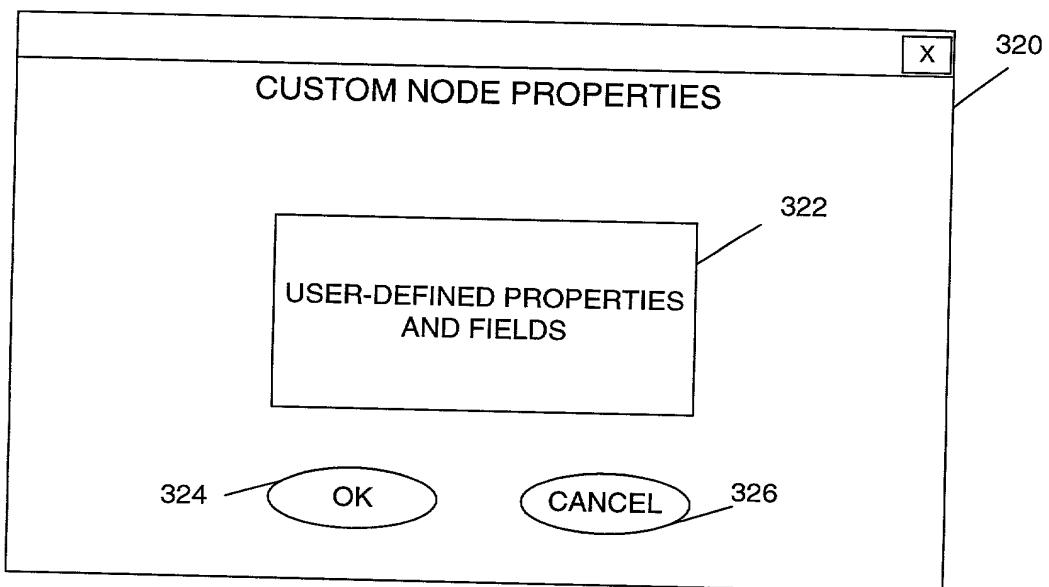


Fig. 36